

# 44 (Ecotecnia)

## Main data

Rated power: 600 kW

Rotor diameter: 44 m

Old model

Offshore model: no

Commissioning: 1998

## Rotor

Number of blades: 3

Type: Stall

Swept area: 1520.5 m<sup>2</sup>

Power density: 2.53 m<sup>2</sup>/kW

Maximum speed: 26,9 rd/min

Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 45 m

Maximum hub height: 55 m

Manufacturer: EMESA

## Weights

Nacelle: 27,6 t

Rotor + hub: 6,5 t

Tower: 31 t

Total: 65,1 t

## Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 63,3

Manufacturer: Pujol Muntala

## Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 15 m/s

Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC

Number: 2

Maximum speed: 1518 rd/min

Voltage: 690 V

Manufacturer: Siemens